GD

May 7, 1956

Dear Dr. Snell:

The enclosed responds to your postcard request.

It would be amusing if the particles involved in abortive or "phenotypic" transductions were remotely analogous to your enhancing factor. Stocker and I are writing up the work in some detail now for publ. in Genetics and in Jour. Gen.Microbiol—also Stocker has some mpre on it in a recent symposium on "Bacterial Anatomy" of the Soc. Gen. Microbiol. It is worthmentioning that the residual motility-conferring-particles in Salmonella also alter the antigenicity of the bacterium so that, e.g., the transient Fla- H_1^b/ex Fla+ H_1^i cell reacts both as b and as i.

I wish I had read your paper in the 25yr Symp. before venturing on the commentary in the recent Ascites Tumor conference of the NYAS. I do want to ask you whether a) the enhancing factor should be regarded as a specific organelle of the cell (analogous to flagella) rather than a simple chemical substance, and b) whether you had recent data on the obvious question whether, e.g., an H_2^b mouse made tolerant to k now is immunogenic for (or carries cells immunogenic for) k. The recent paper by Barnes et al in Nature on rat/mouse chimeras also leaves me confused whether there might not be <u>two</u> mechanisms of tolerance involving either whole cell-transplants and transduction of some particles.

Yrs. sincerely,